

Southern California Task Force Project Updates

Los Angeles World Airports
Noise Management Bureau



Los Angeles
World Airports

Noise Management Bureau

April 9, 1999

Data Used for Analysis

- **Short Range data**

- 8 miles / 10,000 feet

- **Long Range data**

- 30 miles / 20,000 feet data range for special studies

- Two Weeks in April 98 set as baseline

- One Week in July 98, August 98, January 99, and March 99 provide updates



No Early Turn Before Shoreline

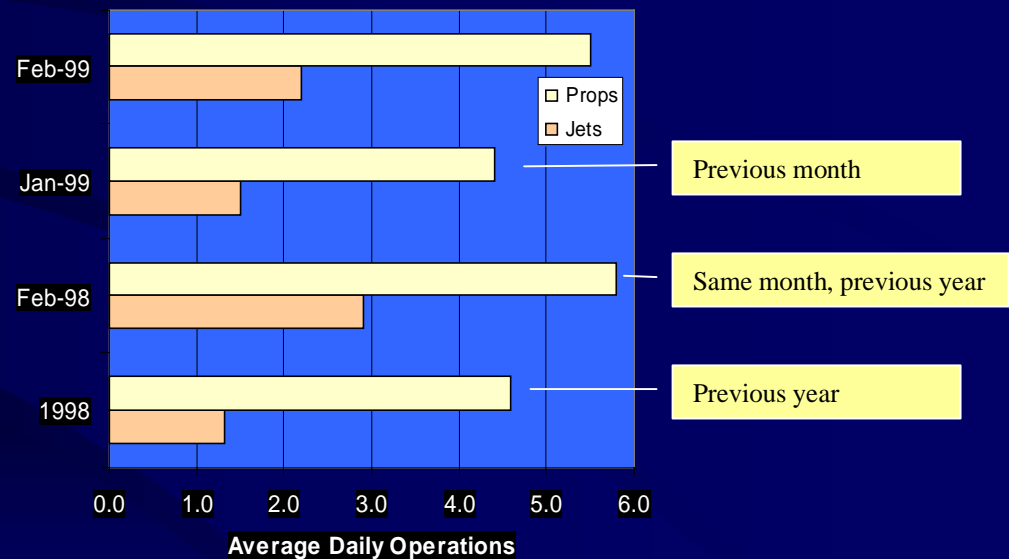
Aircraft departing to west to maintain runway heading past shoreline before turning south



Recent Compliance

February-99 99.3%

Historical Performance (average day):



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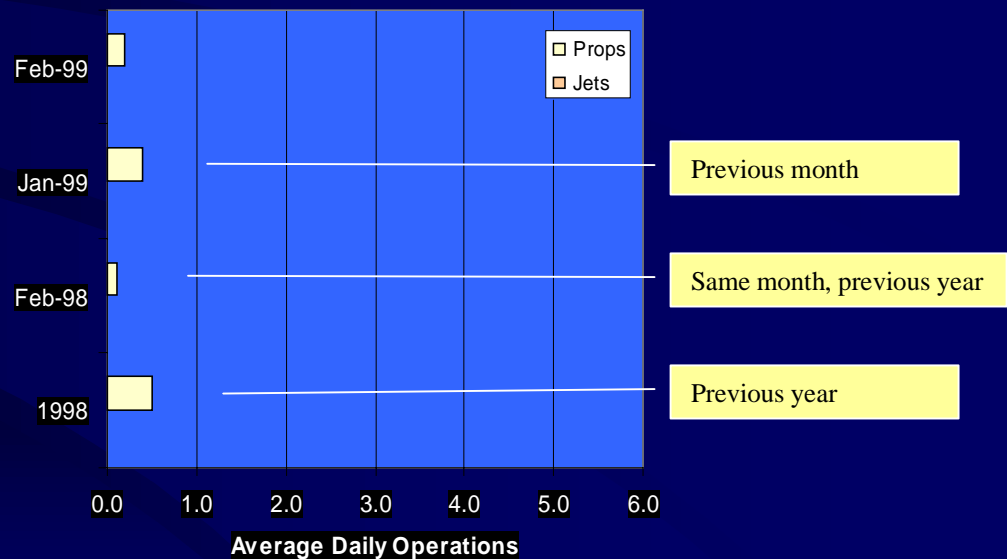
No Early Turn Before Shoreline

Aircraft departing to west to maintain runway heading past shoreline before turning south

Recent Compliance
February-99 99.98%



Historical Performance (average day):



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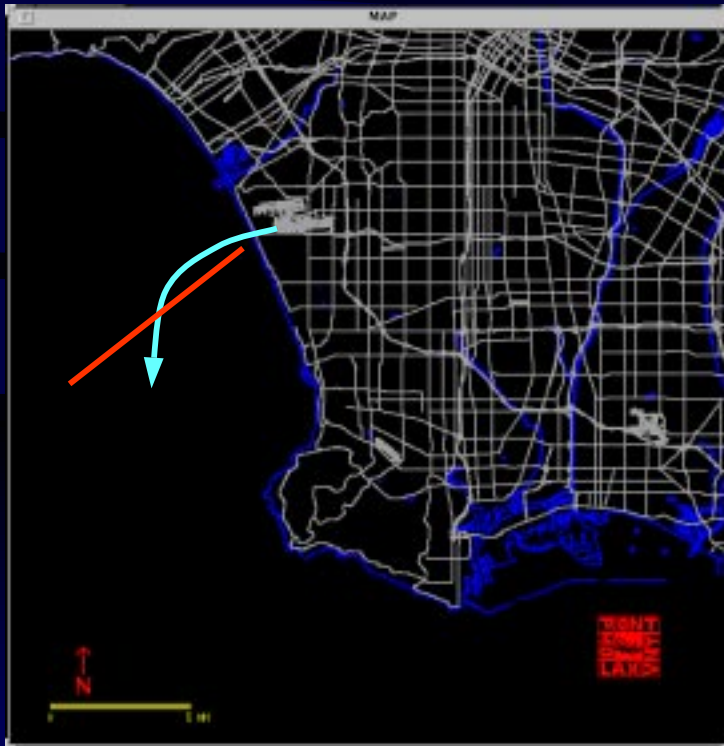
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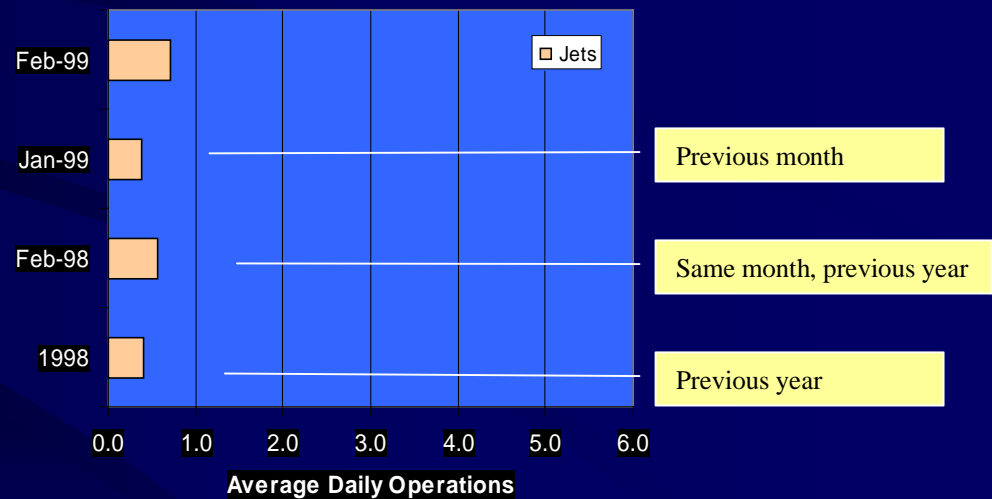
LAX R-210 Departure Policy

Jet aircraft departing to west to reach 4000 feet before commencing turn south

Recent Compliance
February-99 99.9%



Historical Performance (average day):



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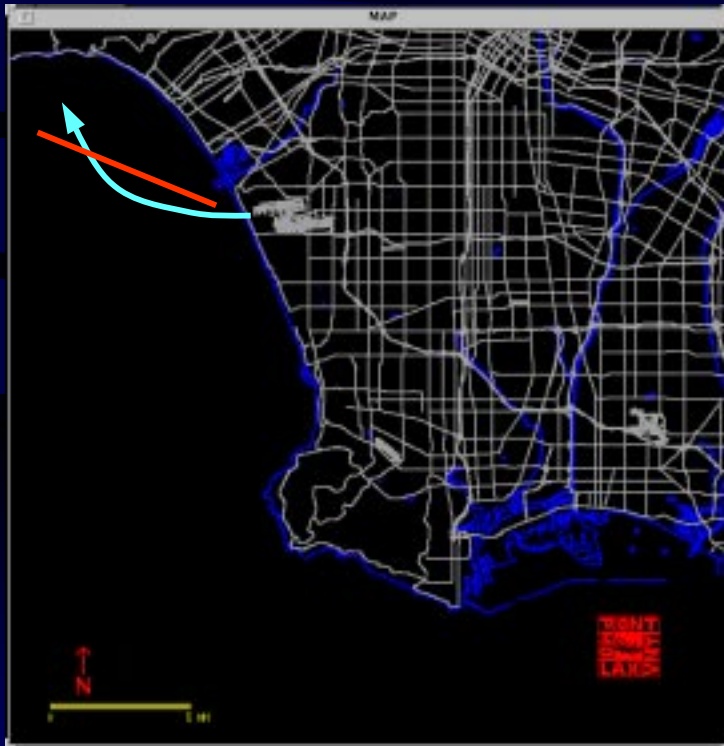
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LAX R-270 Departure Policy

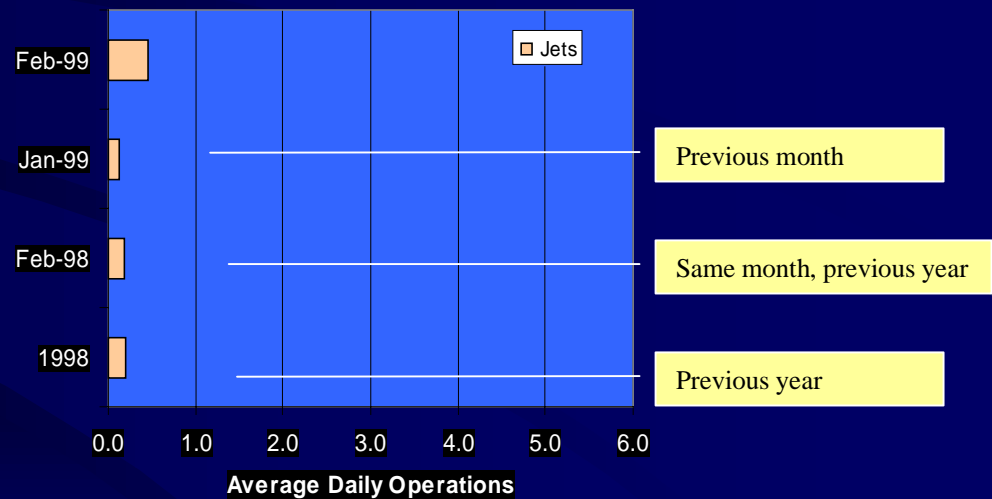
Jet aircraft departing to west to reach 3000 feet before commencing turn north

Recent Compliance

February-99 99.96%



Historical Performance (average day):



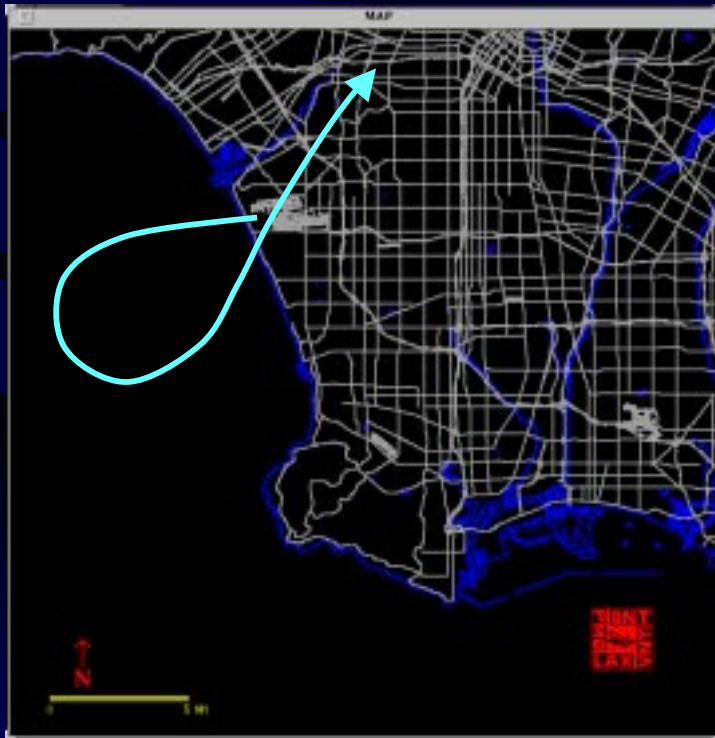
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LAX Loop Departure - Altitude

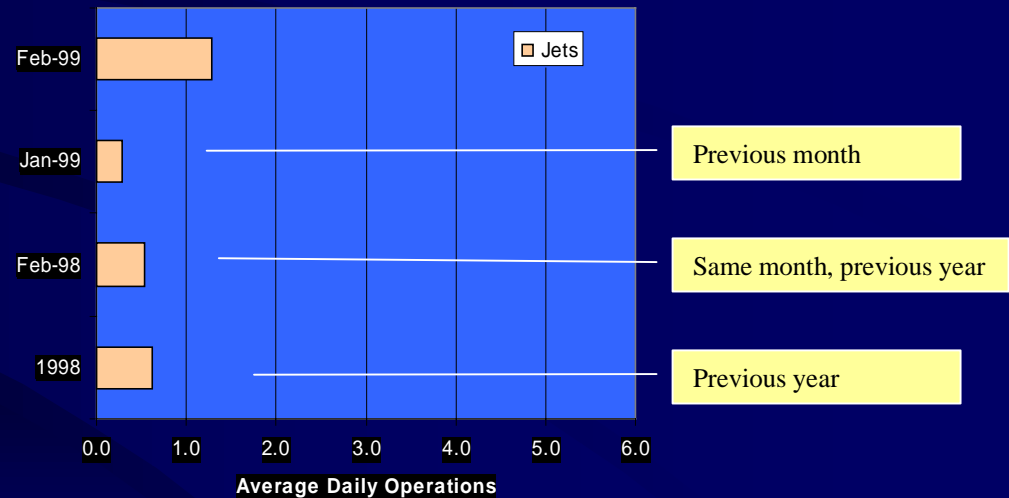
Aircraft using loop departure
to reach 10,000 feet before
re-crossing shoreline



Recent Compliance

February-99 98.9%

Historical Performance (average day):



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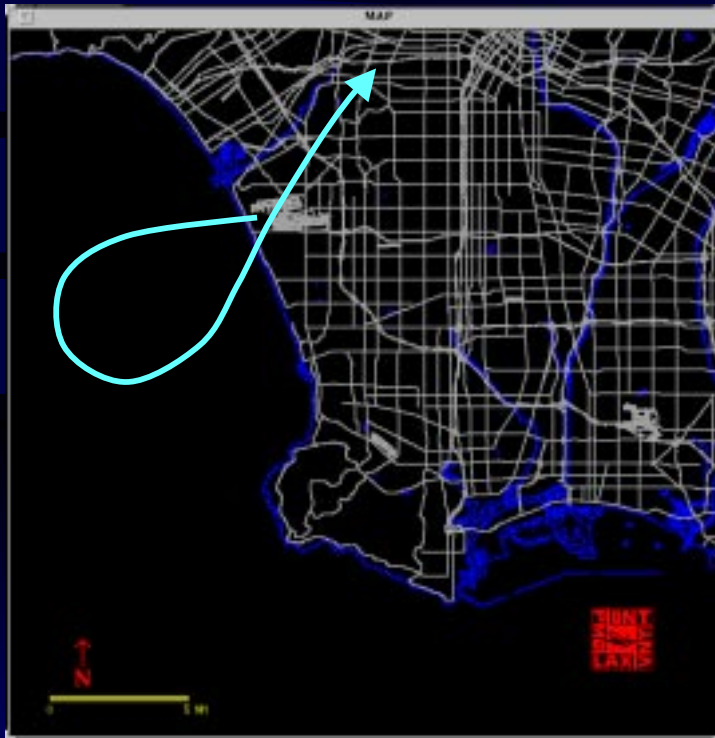
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LAX Loop Departure - Time of Day

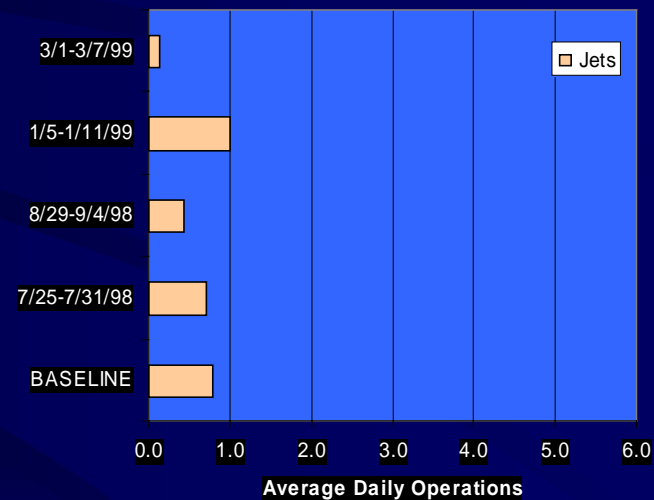
Departure procedure to be used
between 0700 - 2100 only

Recent Compliance

March-99 99.9%



Historical Performance (average day):



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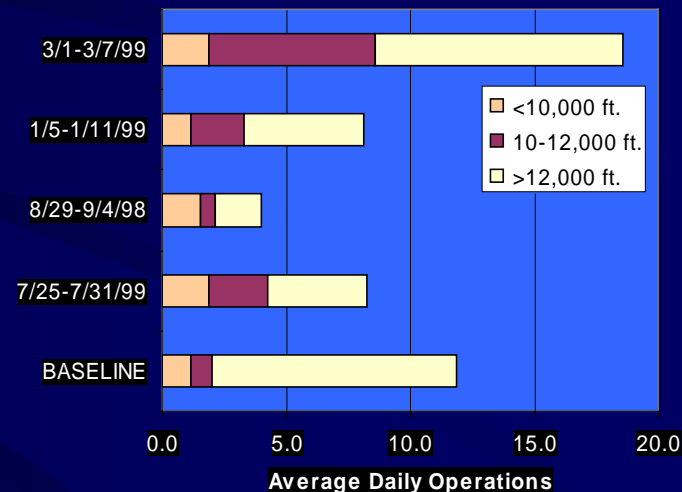
LAX Loop Departure - Manhattan Beach

Monitoring loop departures
overflying community



Occurrence Rate
March-99 14.6%

Historical Performance (average day):



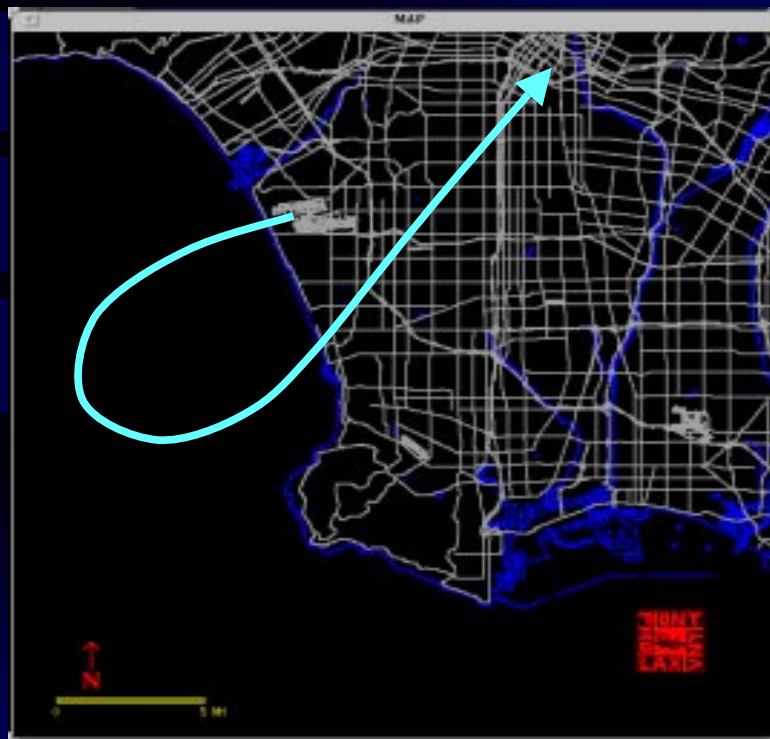
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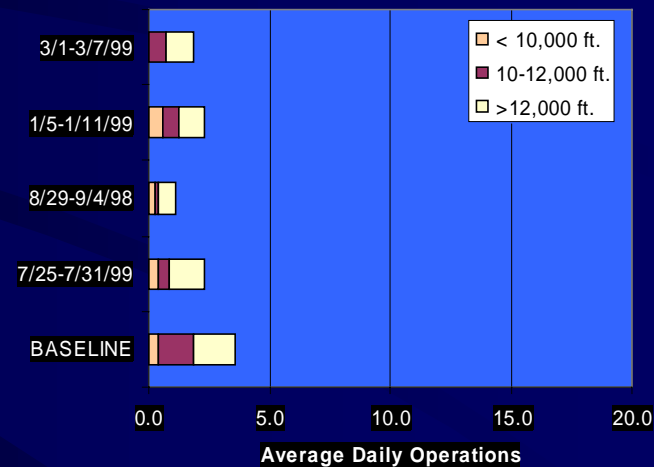
LAX Loop Departure - Hermosa Beach

Monitoring loop departures
overflying community



Occurrence Rate
March-99 1.5%

Historical Performance (average day):



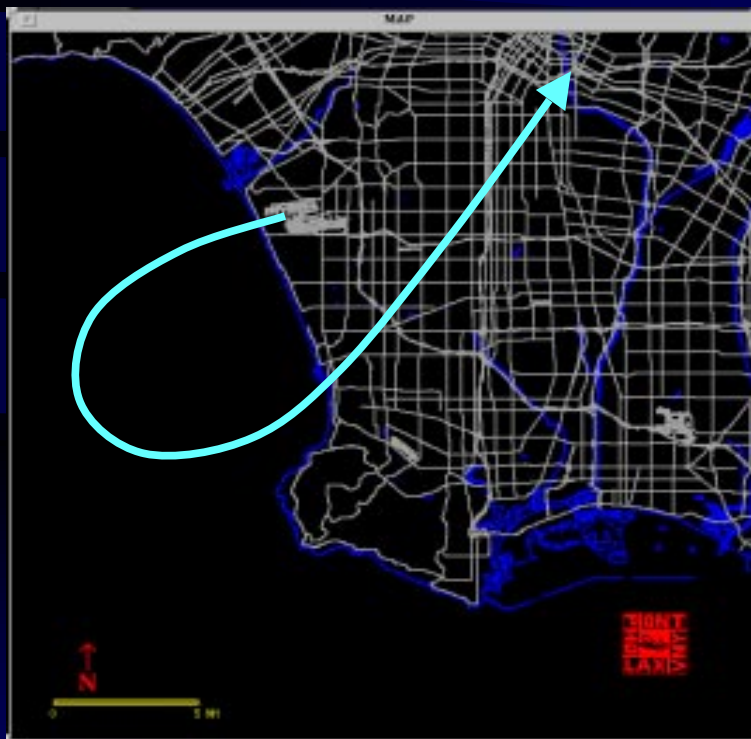
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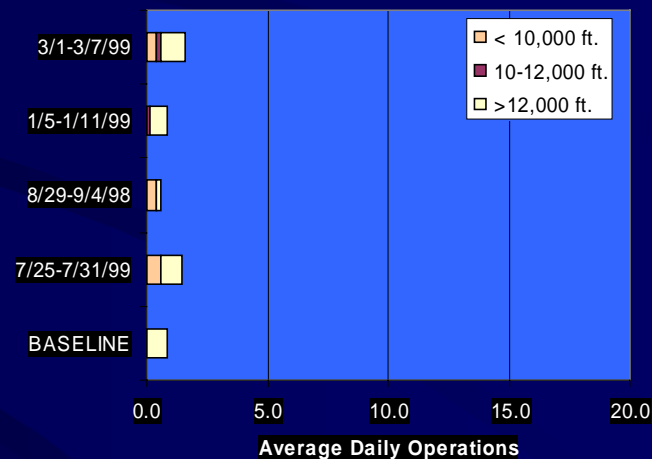
LAX Loop Departure - Redondo Beach

Monitoring loop departures
overflying community



Occurrence Rate
March-99 1.2%

Historical Performance (average day):



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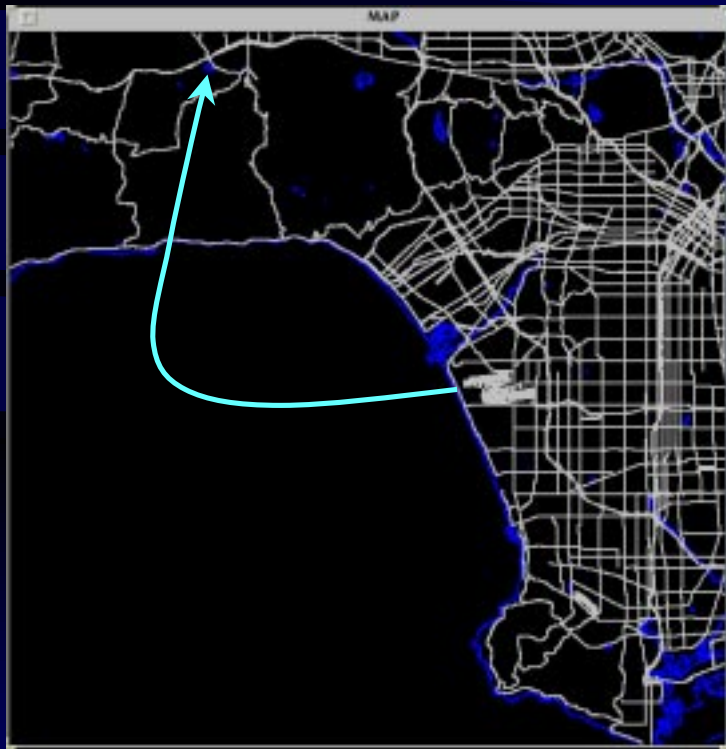
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Gorman Departures - Time of Day

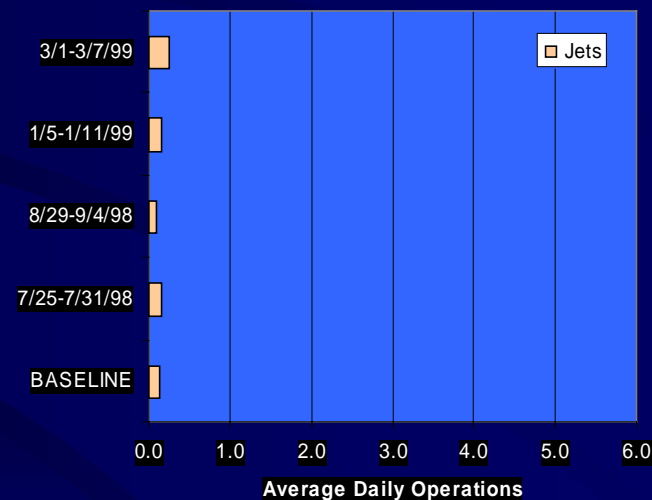
Jets to utilize the Gorman departure between 0700 and 2100 only

Recent Compliance

March-99 99.9%



Historical Performance (average day):



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LAX Arrivals Over SMO

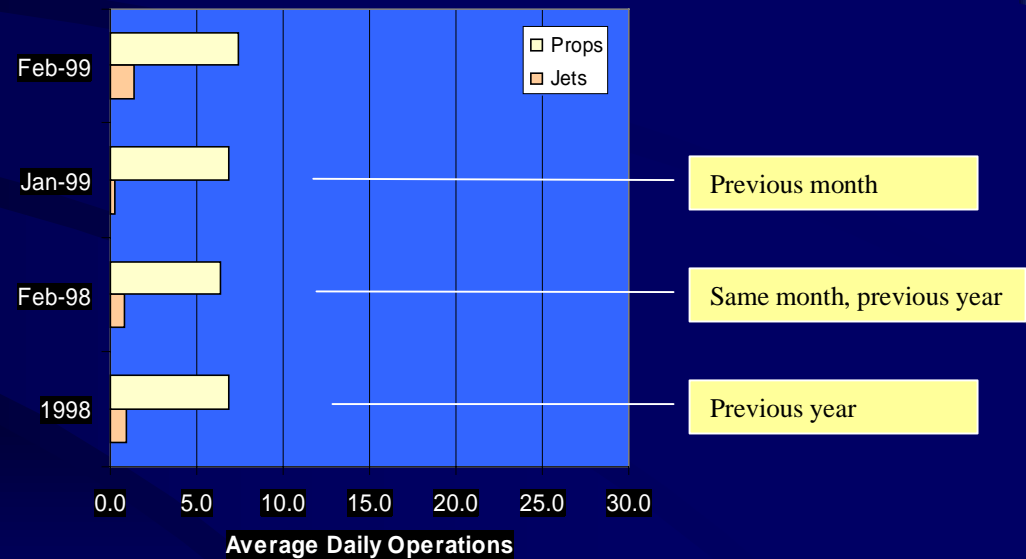
Arriving aircraft to be at or above 5000 feet over SMO

Recent Compliance

February-99 96.9%



Historical Performance (average day):



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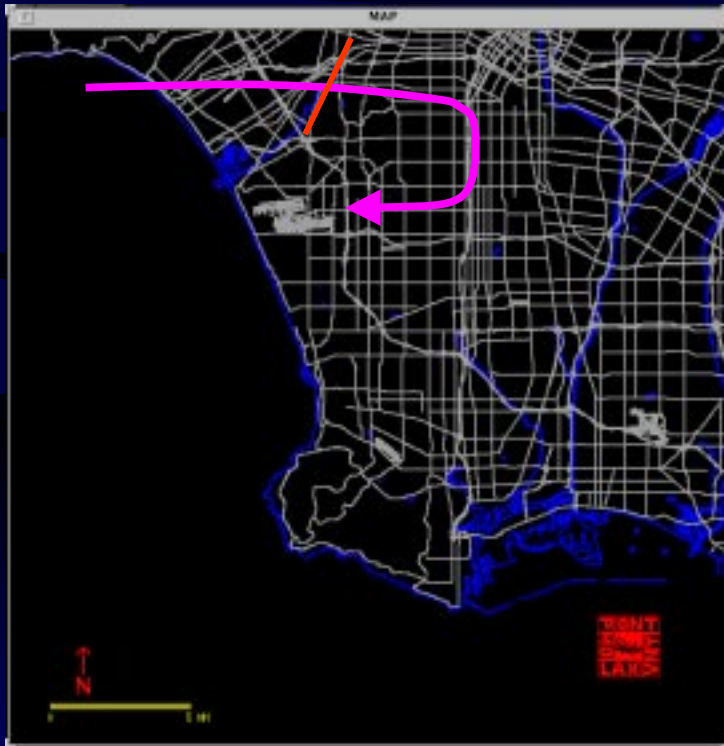
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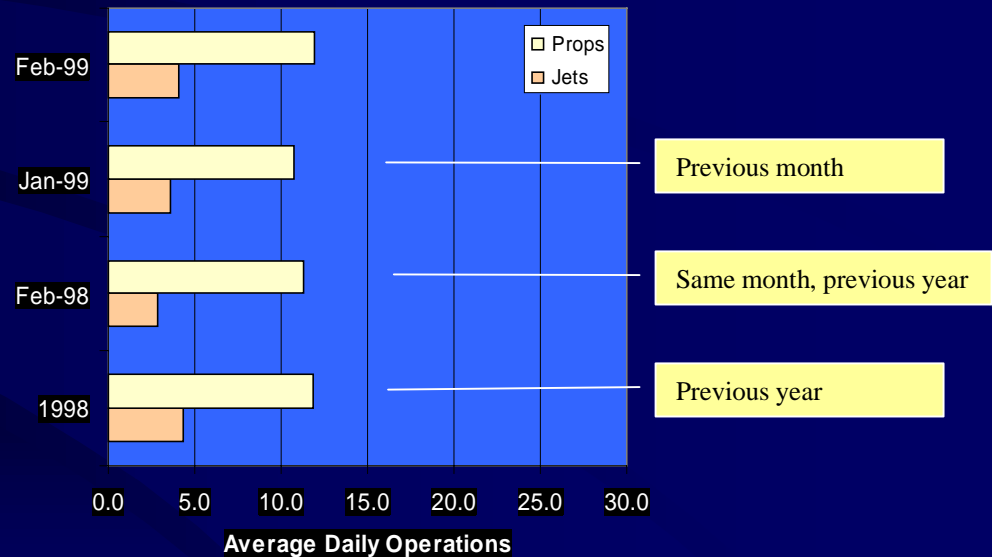
LAX Arrivals Over 009 Radial

Arriving aircraft to be at or
above 5000 feet at LAX 009
Radial

Recent Compliance
February-99 94.3%



Historical Performance (average day):



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Short Turn Arrivals

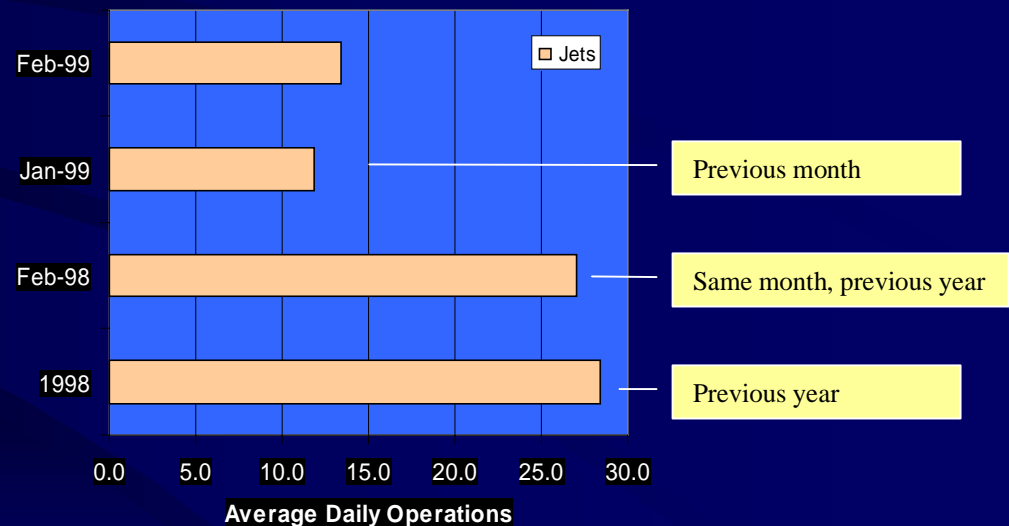
Arriving jet aircraft to fly base leg of arrival over or east of the Harbor Freeway



Recent Compliance

February-99 92.7%

Historical Performance (average day):



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Arrival Altitude at Outer Marker

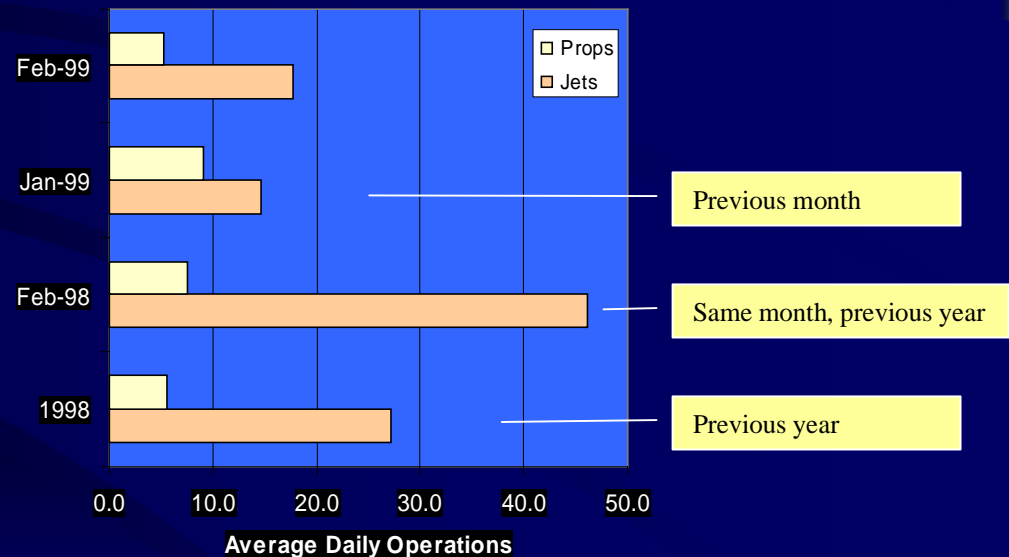
Aircraft at or above ILS
glideslope at the outer marker

Occurrence Rate

February-99 97.6%



Historical Performance (average day):



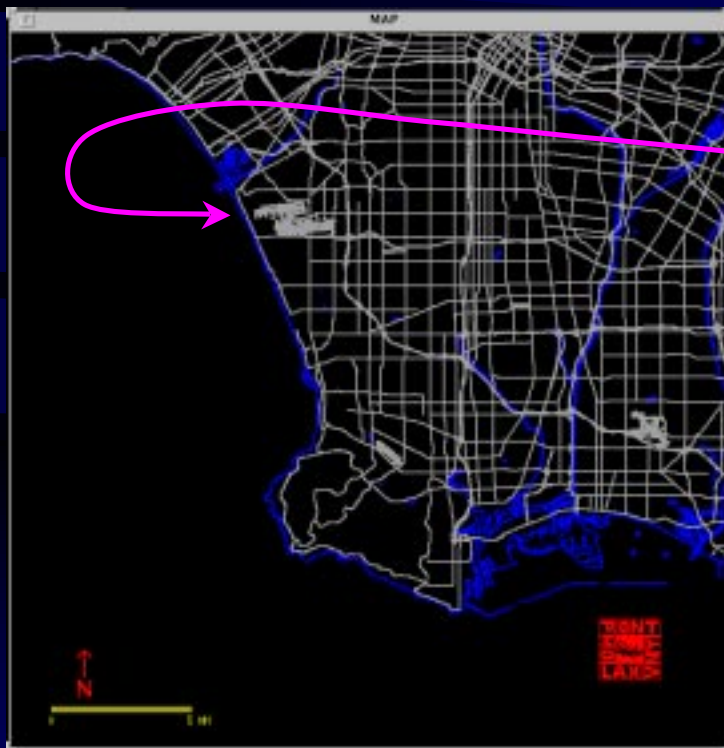
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Over-ocean Arrivals Between 0000-0630

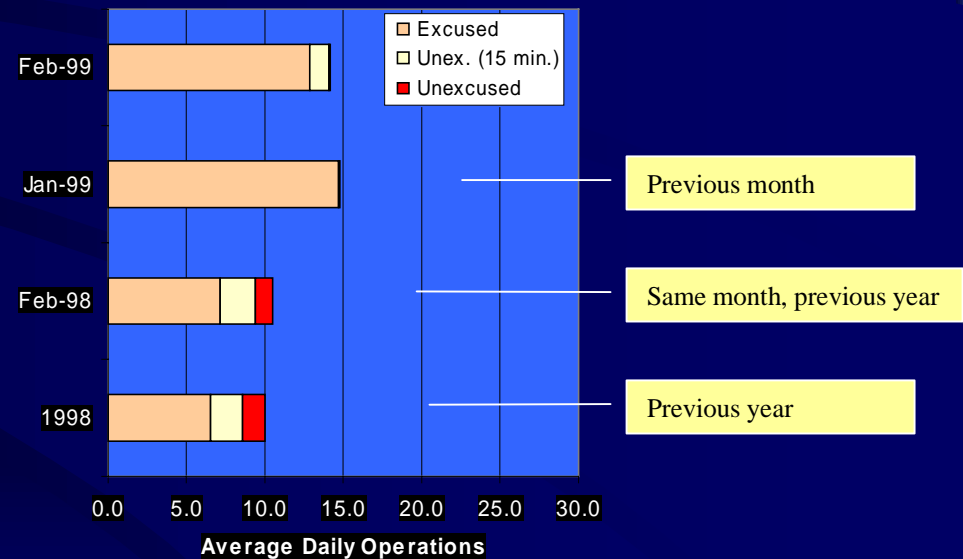
Over-ocean arrivals between
0000-0630 - deviations for
weather and maintenance only



Recent Compliance

February-99 96.6%

Historical Performance (average day):



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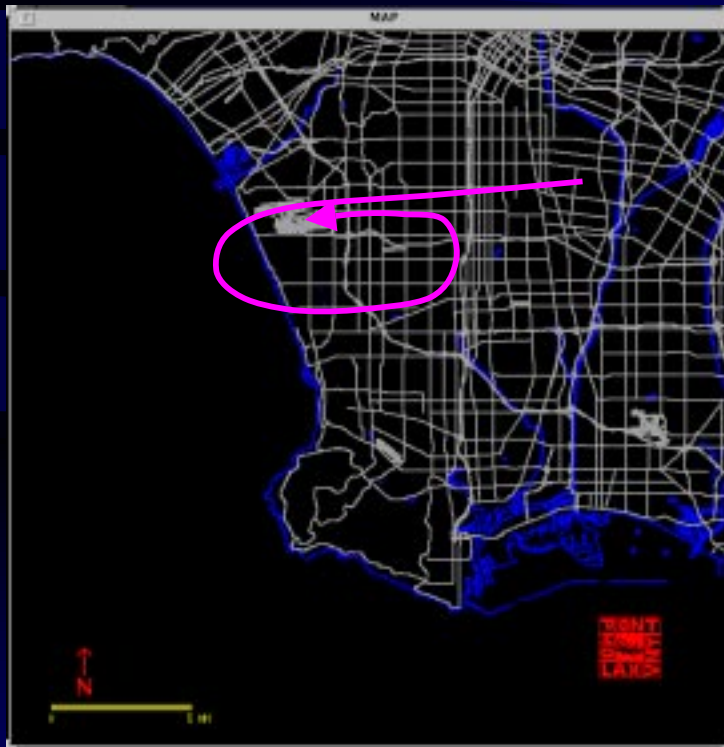
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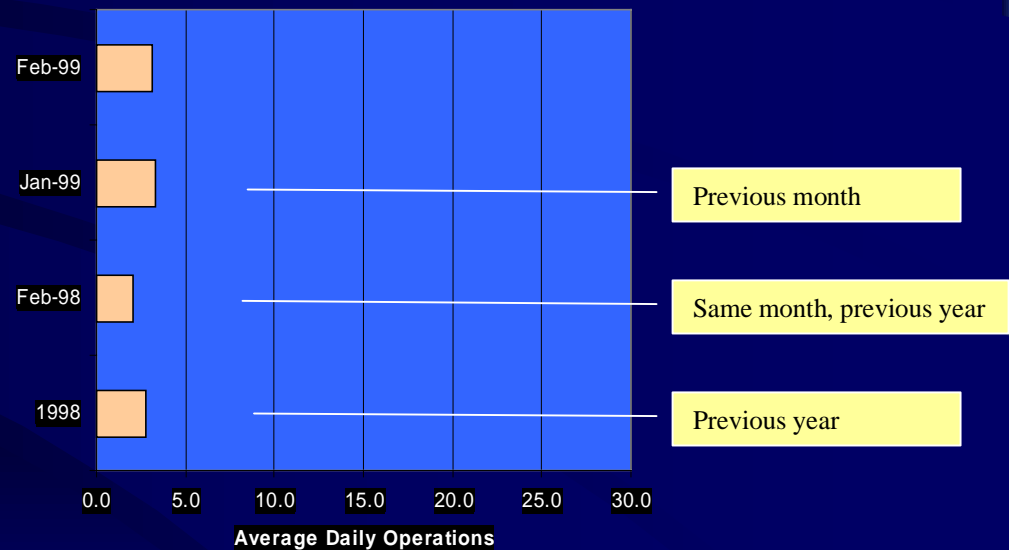
Go-Arounds

Monitoring pilot or ATC
initiated go-arounds or missed
approaches

Occurrence Rate
February-99 0.3%



Historical Performance (average day):



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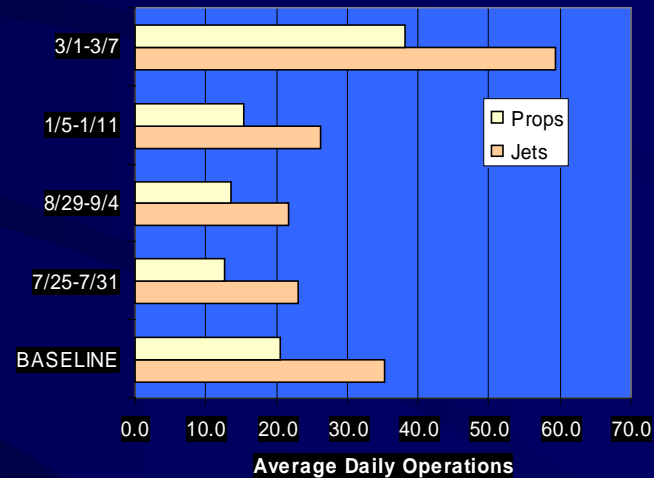
Monterey Park

Monitoring north arrivals
extending downwind over
Monterey Park boundary



Occurrence Rate
March-99 33.0%

Historical Performance (average day):



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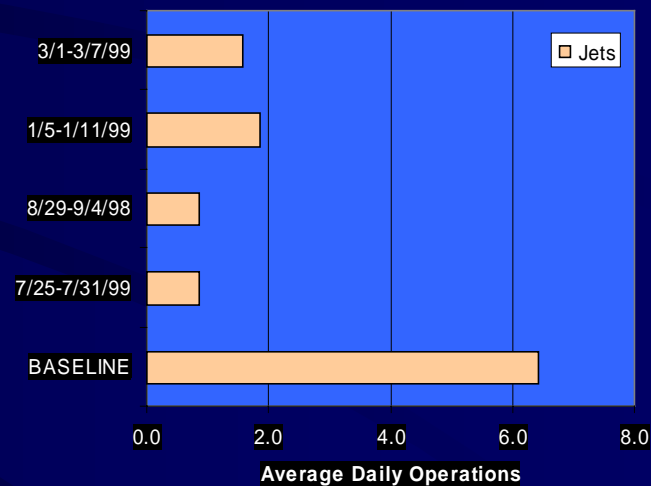
Palos Verdes - Jets

Departing jets to fly around peninsula unless at or above 13,000 feet



Occurrence Rate
March-99 0.5%

Historical Performance (average day):



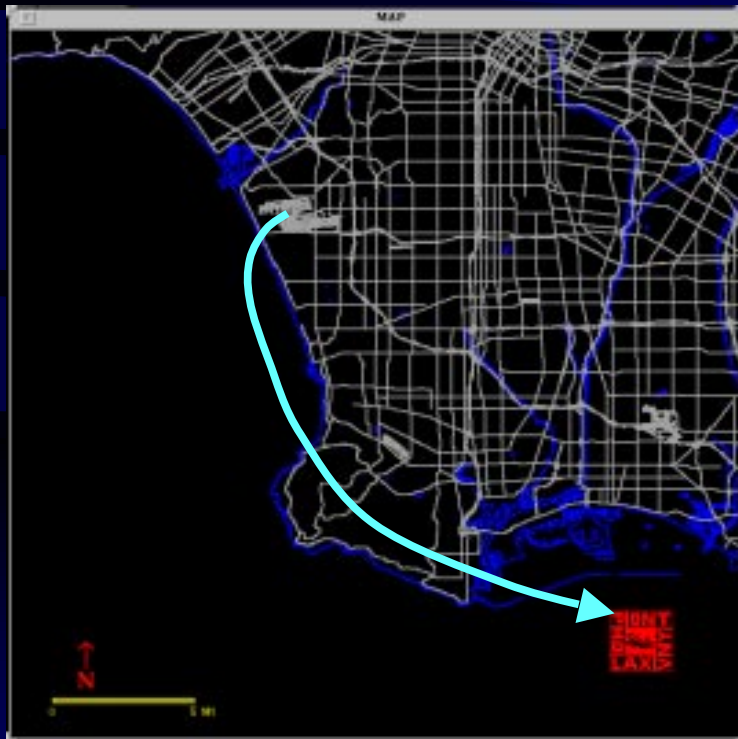
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Palos Verdes - Turboprops

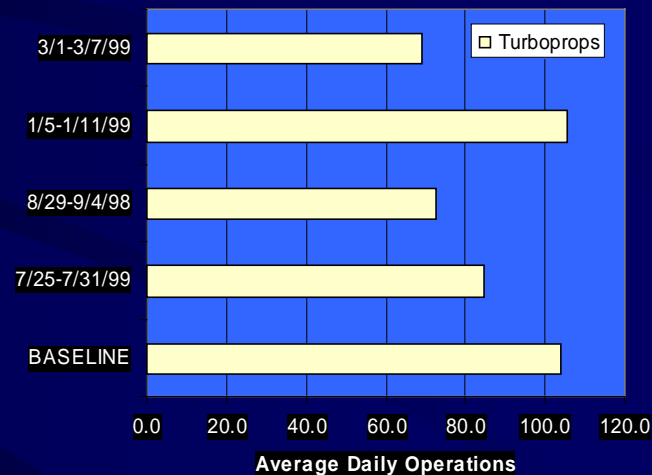
Monitoring southbound
turboprops departing LAX that
overfly Peninsula



Occurrence Rate

March-99 **54.4%**

Historical Performance (average day):



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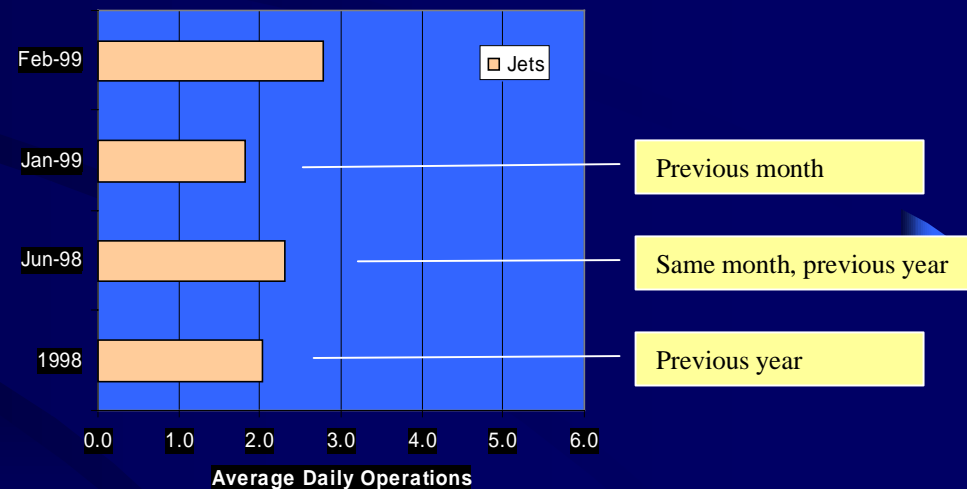
Claremont Overflights

Monitoring jet departures over
Claremont

Occurrence Rate
February-99 4.7%



Historical Performance (average day):



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